IMAGE

0420/08-08-03

	OSURE STATEMENT 7(c))	Docket No. 0788.00063						
In Re Application Of: Michael A. Tainsky, et al								
Serial No. 10/004,587	Filing Date 12-04-01	Examiner Unknown	Group Art Unit Unknown					
Title: NEOEPITOPE DETECTION OF DISEASE USING PROTEIN ARRAYS								
	Assistant Com	oddress to: nmissioner for Patents gton, D.C. 20231						
 The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114. 								
 The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of: 								
☐ the statement specified in 37 CFR 1.97(e);								
5	OR							
☐ the fee set	t forth in 37 CFR 1.17(p).							

	OSURE STATEMENT 7(c))	Docket No. 0788.00063					
In Re Application: Michael A. Tainsky, et al	1						
Serial No.	Filing Date	Examiner	Group Art Unit				
10/004,587	Filing Date Filing Date FRANCE 12-04-01	Unknown	Unknown				
NEOEPITOPE DETECTION OF DISEASE USING PROTEIN ARRAYS							
	•	ment of Fee ects to pay the fee set forth in 37 CFR					
The Assistant Co as described belo Charge the Credit an Charge and Certificate of The Country of	by First Class Mail Ind fee is being deposited in the U.S. Postal Service 37 C.F.R. 1.8 and is ommissioner for Patents,						
	Signature	Signature of Person Mailing Correspondence Connie Herty					
Typed or Printed N	Jame of Person Signing Certificate	Typed or Printed Name of Person Mailing Certificate					
Mull	PLLC way, Suite 410	Dated: August 6, 2003					
cc:							

		-	· · · · · · · · · · · · · · · · · · ·								
	_	1	Gotlieb, W.H. et al., "Presence of Interleukins in the Ascites of Patients with Ovarian and other Intra-								
PE		!	Abdominal Cancers," Cytokine, 4:385-390 (1992).								
	<u> </u>	17	Greenlee, R.T. et al., "Cancer Statistics, 2000" CA Cancer J Clin, 50:7-33 (2000).								
	6	1	Heath, S. et al., "Induction of Oblique Decision Trees," Machine Learning, 1002-1007 (1993).								
U 0 8 2	003 E	\\	Hogdall, E.V. et al., "Predictive Values of Serum Tumour Markers Tetranectin, OVX1, CASA and CA125 in Patients with a Pelvic Mass," <i>Int J Cancer</i> , 89:519-523 (2000).								
E TRADE	MARK	1	Holschneider, C.H. et al., "Ovarian Cancer: Epidemiology, Biology, and Prognostic Factors," Semin Surg Oncol, 1:3-10 (2000).								
		1	Houts, T.M., "Improved 2-Color Normalization For Microarray Analyses Employing Cyanine Dyes," <i>CAMDA</i> (2000); "Critical Assessment of Techniques for Microarray Data Mining," Duke University Medical Center (2000).								
		1	Jacobs I, et al., "The CA 125 Tumor-Associated Antigen: A Review of the Literature," Hum Reprod, 4:1-12 (1989).								
		4	Jacobs, I. et al., "Multimodal Approach to Screening For Ovarian Cancer," Lancet, I 268-271 (1988).								
		1	Jacobs, I.J. et al., "Potential Screening Tests for Ovarian Cancer," London, Chapman and Hall Med 197-205 (1997).								
		1	Kacinski BM et al., "Macrophage Colony-Stimulating Factor is Produced by Human Ovarian and Endometrial Adenocarcinoma-Derived Cell Lines and is Present at Abnormally High Levels in the Plasma of Ovarian Carcinoma Patients with Active Disease," Cancer Cells, 7:333-337 (1989).								
:		1	Kerr, Martin, Churchill, "Analysis of Variance for Gene Expression Microarray Data," Journal of Computational Biology (2000).								
		1	Kim, Si Young et al., "Coordinate Control of Growth and Cytokeratin 13 Expression by Retinoic Acid," <i>Molecular Carcinogenesis</i> , 16:6-11 (1996).								
		1	Kohonen T., "Learning Vector Quantization," In the handbook of brain theory and neural networks, 537-540 (1995).								
			Kohonen T., "Learning Vector Quantization," Neural Networks, 1 (suppl.1):303 (1988).								
		1	Lindstrom MS. et al., "p14ARF Homozygous Deletion or MDM2 Overexpression in Burkitt Lymphoma Lines Carrying Wild Type p53," Oncogene. 20(17):2171-7 (2001).								
		1	MacBeath G. et al., "Printing Proteins as Microarrays for High-Throughput Function Determination Science, 289:1760-3 (2000).								
	- :	1	Murthy K., "On Growing Better Decision Trees From Data," Unpublished Doctoral Dissertation. Jo Hopkins University (1995).								
		7	Musavi M. et al., "On the Training of Radial Basis Function Classifiers," Neural Networks 5:595-603 (1992).								
		1	Nakashima M. et al. "Inhibition of Cell Growth and Induction of Apoptotic Cell Death By the Human Tumor-Associated Antigen RCAS1," Nat Med, 5:938-42 (1999).								
	. ,	√.	Patsner B. et al., "Comparison of Serum CA 125 and Lipid Associated Sialic Acid (LASA-P) in Monitoring Patients with Invasive Ovarian Adenocarcinoma," Gynecol Oncol, 30(1): 98-103 (1988).								
		1	Peng YS. et al., "ARHI is the Center of Allelic Deletion on Chromosome lp31 in Ovarian and Breast Cancers," Int J Cancer, 86:690-4 (2000).								
	Poggio T. et al., "Networks for Approximation and Learning," Proceedings of IEEE 78(9):1481-(1990).										
 Precup D. et al., "Classification Using Φ-Machines and Constructive Function Approximation," 15th International Conf. On Machine Learning, 439-444 (1998). 											
		7	Quinlan JR., "C4.5: Programs for Machine Learning," Morgan-Kaufmann (1993).								
Valuation V., C4.5. Programs for Machine Learning, Morgan Radymant (1995). Rumelhart, DE. et al., "Learning Internal Representations by Error Backpropagation," Parallel Distributed Processing: Explorations in the Microstructures of Cognition, MIT Press/Bradf											
	(1986). √ Schmittgen TD. et al., "Quantitative Reverse Transcription-Polymerase Chain Reaction to Stud										
		1	1								
	Cancer 60:353-361 (1987). √ Sonoda K. et al., "A Novel Tumor-Associated Antigen Expressed in Human Uterine and Ovarian Carcinomas," Cancer, 77:1501-9 (1996).										
T737 A 3	MINITER		DATE CONCIDEDED								
EXA	MINER		DATE CONSIDERED								

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

609

PTO/SB/08 (2-92) Sheet <u>1</u> of <u>2</u>

0	612	MANUAL OF PATENT EXAMINING PROCEDURE	
AUG 0 8 2	MM3 Silve		5

Form PTO 2449					Oocket Number (Option	Application Number 10/004,587				
& TRADEM					0788.00063 10/004,587					
INFORMATION DISCLOSURE CITATION IN AN APPLICATION					Michael A. Tainsky, et al.					
	24 (Filing Date	_	Group Art Un	it	
(Use several sheets if necessary)					1	12-04-01	•			
		y			NT	DOCUMENTS	S			-
EXAMINER							SUBCLASS	FILING DATE		
INITIAL	DO	CUMENT NUMBER		ATE		NAME	CLASS	SUBCLASS	IF APPRO	PRIATE
	<u> </u>		FO	REIGN PA	TE	NT DOCUME	NTS			
									TRANSLATION	
	DOCKET NUMBER			DATE		COUNTRY	CLASS	SUBCLASS	YES	NO
		OTHER DOCU	IME	NTS (Incl)	din	a Author Title Do	te Pertin	ent Pages, Etc	2)	
	1	Alizadeh, AA. et al								pression
		Profiling," Nature,	403:5	503-511 (200	0).	ţ		·		
	7	An, A, et al., "A Le			Mor	e Accurate Classif	ications,'	' Lecture Note	es in Artificia	ıl
	1	Intelligence, 1418: Aunoble, B. et al.,	420-4 "Mai	or Oncogenes	and	Tumor Suppresso	r Genes 1	nvolved in Er	ithelial Ova	rian
		Cancer." Int J Onc	ol 16:	567-76 (2000)).					
	√	Baron, A.T. et al.,	"Seru	m sErbB1 an	d Ep	idermal Growth F	actor Lev	els As Tumor	Biomarkers	in
	1	Women with Stage			1 Ov	arian Cancer," Ca	ncer Epic	demiology, Bio	omarkers &	
	1	Prevention 8:129-1	13/(1 A Rad	999). ioimmunoass	av U	Ising a Monoclona	l Antiboo	ly to Monitor	the Course of	f
		Epithelial Ovarian Cancer," N Engl J Med, 309: 883-887 (1983).								
	1	Bast, R.C. et al., "Reactivity of a Monoclonal Antibody with Human Ovarian Carcinoma," J. Clin Invest,								
	1	68:1331-1337 (1981). √ Bauer, R. et al., "Cloning and Characterization of the Drosophila Homologue of the AP-2 Transcription								
		Factor," Oncogene	17:1	911-1922 (19	98).					
	√	Berek, J.S. et al., "	Serun	n Interleukin-	6 Le	evels Correlate with	h Disease	Status in Pati	ents with Ep	ithelial
	1	Ovarian Cancer," Am J Obstet Gynecol 164: 1038-1043 (1991).								
	`	 ✓ Bittner, M. et al., "Molecular Classification of Cutaneous Malignant Melanoma by Gene Expression Profiling," Nature, 406:536-540 (2000). 								
· · · · · · · · · · · · · · · · · · ·	1	√ Blake, C. et al., "UCI Machine Learning Respitory Content," (1998).								
	1	√ Boyd, J. et al., "Hereditary Ovarian Cancer: Molecular Genetics and Clinical Implications," Gynecol								
·	1	Oncol 64:196-206 Breiman, L. et al.,			Res	ression Trees." W	adsworth	and Brooks (1984).	
		Buettner, R. et al.,	"An a	lternatively	plice	ed form of AP-2 e	ncodes a	negative regul	ator of trans	criptional
		activation by AP-2								<u> </u>
	7									
	۰	Molecular Carcinogenesis, 5:219-231 (1992).								
	14.	Clark, P. et al., "T	he CN	12 Induction	Algo	rithm," Machine L	earning,	3:261-283 (1:	989). • Dublication	
	√	Coleman, M.P., et		Frends in Car	icer i	Incidence and Mor	rtality," L	AKC Sciennjie	: Ривисаної	is,
	1	121:477-498 (1993). √ Deyo, J. et al., "drp, A Novel Protein Expressed at High Cell Density But Not During Growth Arrest,"								
	+	DNA and Cell Bio	l 17:4	37-447 (199	3).		4 C - · · ·	-blication in 1	Insural Matrix	rka to
	1	√ Draghici, S., "The Constraint Based Decomposition," accepted for publication in Neural Networks, to appear (2001).							nks, to	
	1	Einhorn, N. et al.,					5 Levels	for Early Dete	ection of Ova	arian
	Cancer," Obstet Gynecol, 80:14-18 (1992). √ Golub, T.R. et al., "Molecular Classification of Cancer: Class Discovery and Class Prediction by Ge									
	1	Golub, T.R. et al., Expression Monite					ss Discov	ery and Class	Prediction t	y Gene